



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: **Second Tuesday** of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the **third Tuesday** of each month.
- On the **fourth Tuesday** of every month, in-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our ham public service schedule.

RARS General Meeting

Date: January 14, 2025

Main topic: Turning an Android Phone into a 2M HT for \$35

Presented by Vance Vagel, KV4P

Where: Ridge Road Baptist Church

Time: In-Person and Zoom Meeting at 7:30 PM, [More info at RARS.org](https://www.rars.org)

RARS In Person Gathering

Date: January 28, 2025

Where: Ridge Road Baptist Church

Time: 7:00 PM

In-person Gathering at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.

RARS Officers

PRESIDENT

Fin Gold
NC4FG
nc4fgfin@gmail.com

VICE PRESIDENT

Chuck Till
K4RGN
k4rgn@outlook.com

SECRETARY

Julie Royster
KT4JR
919-782-1624
KT4JR@arrl.net

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Regular dues for licensed amateurs are \$18 per year. (From July 1 through June 30.) Additional licensed immediate family members pay \$5 each per year. Dues for licensed full-time students and licensed seniors 60 and over are \$12 per year. Unlicensed individuals may become associate members for \$9 per year. Applications for membership are available from the treasurer or on the RARS web site.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

Exciter President's Message for January 2025

Happy New Year!

Last month I pointed out the many successes and improvements the club accomplished in 2024.

Now we look forward to a year full of radio!

We can look forward to our many regular meetings and programs like these upcoming events:

Exciting General meeting presentations like the January meeting about

Turning an Android Phone into a 2M HT for \$35

Presented by Vance Vagell [KV4P](#)

Monthly dinners

Monthly Gatherings

An in-person Tech license class starting January 25th

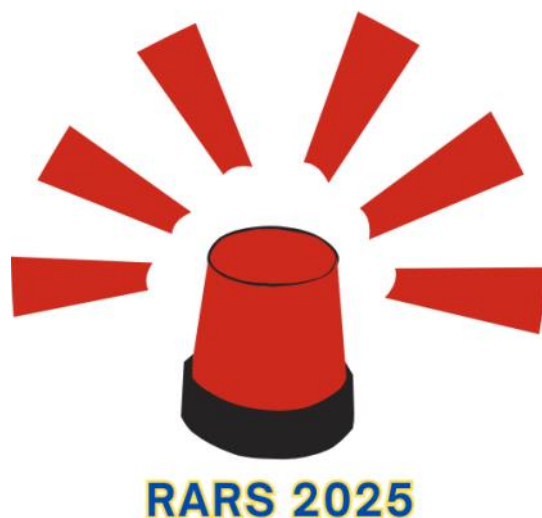
Our NC QSO Party club station on February 23rd

RARSfest on April 5th

Field Day in June (with possible format changes)

We can also look forward to more club improvements.

For all you new or existing members who want to learn how to help in emergencies (with renewed focus due to Hurricane Helene), we are working on plans to increase our ability to support our local communities during emergencies. In the next couple months, we'll let you know the results of these ideas. New plans will include important features like emergency guidelines, participation by all levels of licenses, and community training and support.



73,

Fin Gold, NC4FG

President

Raleigh Amateur Radio Society

December 10, 2024 RARS meeting

President Fin Gold NC4FG called the meeting to order at 7:30 pm. He reminded Zoom participants of a few notes about using Zoom. He praised RARS for a successful year. Our club now has about 500 members, about 220 Discord users including about 40 non-members. We had a very well attended RARSfest and a great Field Day. We have held in-person meetings and in-person licensing classes. Fin's vision is that RARS is a welcoming club with members who want to help each other and help the public, providing learning opportunities and public service.

Fin Gold with a new member and visitors



Steve Subarnek N9SZ is a new member who moved here from Ohio.



Visitor John Goldsborough N8NMG from Knightdale, NC



Visitor Jake Bleck KN4QWY from Newport, NC



Visitor Mathias Steiner DD1MS from Binzen, Germany

December 10, 2024 RARS meeting, continued



Education announcement from
Denny Oestreich, KO4IBL
See the [RARs website](https://www.rars.org) for details



Door prize winners. Left to right
Richard Kroeger, N1FUA
Bruce Sherman, KI4PAC
Jeremy Lindsley, K2HJX

Board of Directors 2025 induction



Left to Right, President Fin Gold, NC4FG; Nominating Committee Chair, Chuck Littlewood, K4HF; Vice President: Chuck Till, K4RGN; Exciter Editor: Tom Lewis, N4TL; Food Service Chair: Richard Kroeger, N1FUA; Public Service Director: Jeremy Lindsley, K2HJX; Education Director: Denny Oestreich, KO4IBL; Net Manager: Julie Royster, KT4JR; Treasurer: Greg Seamster, KE4PAX.

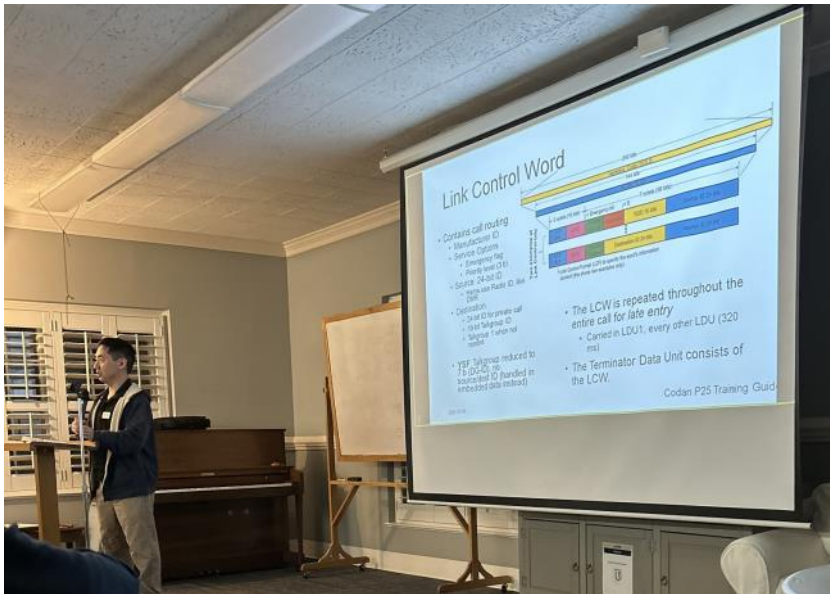
Not all board members were present for the picture.

Figure 1



Jon Suen, KG6K; Fin Gold, NC4FG; Chuck Till, K4RGN

Chuck Till, K4RGN, introduced tonight's speaker, Jon Suen KG6K, whose presentation was "P25: The Digital Radio of Public Safety." ([on the RARS website](#))



December 10, 2024 RARS meeting, continued

Full Name	Call Sign	RARS	Full Name	Call Sign	RARS
Bob Starkenburg	W4TTX	Yes	John Goldsborough	N8NMG	No
Bruce Sherman	KI4PAC	Yes	John Hollowell	K4JAH	Yes
Chuck Littlewood	K4HF	Yes	John Honeycutt	N8ZU	Yes
Chuck Till	K4RGN	Yes	Jon Suen	KG6K	Yes
Dennis A. Mason	WZ0Q	Yes	Jonathan Osbrink	KB8QNE	Yes
Dennis Oestreich	KO4IBL	Yes	Julie Rooster	KT4JR	Yes
Devin Hedge	KN4FVH	Yes	Matthias Steiner	DD1MS	No
Fin Gold	NC4FG	Yes	Michael Johnson	KZ4LY	Yes
Greg Seamster	KE4PAX	Yes	Richard Kroeger	N1FUA	Yes
Ian Young	KG4DPU	No	Ryan Reed	N7RYN	Yes
Jake Bleck	KN4QWY	No	Stephen Haffly	NY4NC	Yes
Jeremy Lindsey	K2HJX	Yes	Steve Zabarnick	N9SZ	Yes
Joe Haggarty	N4BJH	Yes	Tom Lewis	N4TL	Yes

The in-person attendance was 26 plus 17 on Zoom.

43 total

December 2024

RARS Net Report

31 2m nets: 351 checkins, 628 minutes

5 10m nets: 47 checkins, 83 minutes

Julie Royster, KT4JR, RARS net manager

RARS MONTHLY SUPPER , IHOP RESTAURANT DECEMBER 17, 2024

All members and guests are welcome to the monthly (Third Tuesday) RARS Supper, 6:30PM, at the IHOP Restaurant, 7471 Six Forks Road, Raleigh. The restaurant is on the corner of Sawmill and Six Forks Roads. After entering the restaurant look for our folks in the dining room. Informal and Dutch, just bring your appetite and best rag to chew.

73, Chuck, K4HF



Names clockwise around the table

Ralph Selmont, KQ4RZI; Bob Chew, K4YXM; Stu Kaskawits, NF2N;

Richard Della Fave, KC4AQC; Robert Chew; Tom Lewis, N4TL. photo by Ken, AD4GX



Names clockwise around the table

Ken Latchum, AD4GX; John Honeycutt, N8ZU; Bob Starkenburg, W4TTX;

Chuck Littlewood, K4HF; Dennis Mason, WZ0Q; Denny Oestreich, KO4IBL;

Chuck Till, K4RGN; Jake Bleck, KN4QWY. photo by Tom N4TL

RARS Member Birthdays

Bob	N4GEB	01/01
Bill	KG6NDT	01/01
Donald	KS9F	01/01
Grady	AJ4YA	01/01
Gavin	KN4QQV	01/03
Barry	KK4NUN	01/03
Howard	KI4GNB	01/03
Chuck	K4HF	01/04
John	WB4DDK	01/04
Jerry	KE4TTS	01/04
Joe	KM4WRQ	01/06
Ted	WA8NVC	01/06
John	N4YRD	01/08
John	N1GMV	01/08
Ed	N4ESA	01/09
Lauren	W0LD	01/09
Jim	N4CAE	01/09
Richard	N1FUA	01/09
Stephen	KM4DVF	01/09
Beth	KF4QMR	01/09
Joseph	KD2PJP	01/10
Chris	K4CKB	01/11
Roger	N4KDD	01/11
Dan	WY3O	01/11
Jeff	WJ3FF	01/12
Joe	N4BJH	01/12
Nathan	KO4W	01/14
Robert	KQ4ERD	01/14
Paul	AA4XX	01/14
Evan	ZL2TFA	01/14
Bill	KI4BKF	01/15
Marko	KM4ZBT	01/16

RARS Member Birthdays

Marc	W4MPS	01/19
Barry	K9IUT	01/19
Joe	K4HEW	01/19
Edward Bartels		01/19
Ashby	KB5ZIH	01/20
Austin	K4HYD	01/21
Ken	K4JFH	01/21
Dave	N4DSF	01/21
Tyler	KO4BZA	01/23
Ken	AC4RD	01/23
Michael	KN4CBZ	01/24
Dale	WA4JCK	01/26
Brian	AA4BK	01/27
Jim	KO4ZHO	01/28
Alan	AB4OZ	01/30
Cyndi	KD4ACW	01/30
Tom	K2UCU	01/31
Dan	N3ND	01/31

RARS New Members

John Wieland	KQ4YWG
Kevin Hall	KQ4ZMO
John Goldsborough	N8NMG
Dan Scarber	W4RDR
Dan Reed	KK7EUJ
Mike Nutt	K3LOE
Joe Croninger	KR4AFI
Mark Reeves	KQ4ZAC

Planning for RARSfest 2025 is underway!

Chatt Radio, HRO, Wireman, Tarheel Designs are currently confirmed. We'll be welcoming back Don Friend WA4MCM with Remote Antenna Switch Kits.

We also have some “new-to-us” dealers.

First Robotics <https://www.firstinspires.org/robotics/frc> will be supporting us with teams throughout the day.

RARSfest tickets and tables will go on sale January 30th. Admission is just \$10 in advance. Flea market tables are still just \$23 in advance with the purchase of an Admission Ticket.

We are bringing back fabulous Door Prizes:

- Grand Prize: Yaesu FTDX10 HF Radio
- First Prize: Yaesu FTM-500DR Dual Band Mobile
- “Early Bird”: ICOM IC-2730A Dual Band Mobile
- Volunteer Prize: Yaesu FT-DRDual Band Handheld

We are looking for:

- Staff Assistants https://www.rarsfest.org/meet_the_staff_2025.php
- Volunteers
- Forum Presenters

Go to <https://www.rarsfest.org> and scroll down to “Subscribe” to our newsletter for up-to-date information.

Nancy KB2TNR Torborg
RARSfest 2024 Chair
<https://www.qrz.com/db/kb2tnr>
rarsfest@rars.org
www.rarsfest.org

Six meter net change to FM

The Raleigh 6 meter net (Mondays 8:30 pm ET) has been running successfully for 14 months. Throughout the month of January, the net will meet on simplex FM 50.350 instead of USB 50.200. After these four weeks, we will evaluate the results and decide whether to make this a permanent change as of February.

For a local net it is logical that FM across 10 MHz of deviation would outperform USB. Our tests on second Tuesdays in prior months have confirmed this, but the more people who join our simplex FM trial in January before a decision is made, the better.

We are using 50.350 instead of a familiar simplex FM frequency because many net participants are DXers whose antennas are tuned for the low end of the band. (Incidentally, most of these antennas are horizontally polarized.)

We will still conduct the monthly AM 50.400 test on the first Monday in January after we finish the regular net.

Contact Chuck Till K4RGN if you have questions. All are welcome on this net, which usually runs 15-20 minutes. It's timed to follow the 8 pm net on 146.64.

73 Chuck K4RGN

The Five County VE Team

The Five County VE Team is once again hosting one of its monthly testing sessions at the United Methodist Church at 129 N. Main St., Wendell, NC on 25 January 2025 at 1:00 PM. To take the exam is free of charge.

If you're planning to upgrade or know someone who wants to test for their first license come find us.

Registration is one line. Go to: <https://fivecountyhre.org/> to register as well as find information and links to help study for the exam.

If you have any questions or have any problem with the registration process for getting your amateur radio license. Email markgibson6822@gmail.com or call (919) 614-6822 between 9 AM and 9 PM.

Blue Ridge Microwave Society Two meter SSB net

The net is held on **Mondays at 8:00 PM Eastern Time** (0100 UTC) on **144.190 MHz USB**

Net Control - Charlie, W4KZK (EM97xe) Bent Mountain, VA

Alternate Net Control stations:

Gene, WA4PGI (FM07)

Stan, K4RCA (FM06)

73 Stan, K4RCA

Carolinas Chapter Antique Wireless Association

Will hold their annual conference in Charlotte, NC, on March 20 to 22, 2025.

<https://cc-awa.club>

The Sullenberger Aviation Museum is close to the hotel where the CC-AWA conference is held.

The plane from the “Miracle on the Hudson” is there.

<https://www.sullenbergeraviation.org/>

RARS Monthly Supper, IHOP Restaurant

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73, Chuck, K4HF

RARS Repeaters in Raleigh & Nets

146.640 And 444.525, [click for link to RARS website.](#)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS web-site click here. <https://www.rars.org/nets.php>

<https://www.rars.org>

RARS Portable Operating Group

The RARS Portable Operating Group started 2025 right on Wednesday, January 1st. They operated from 3-5pm at the Beaver Dam Access of Fall Lake State Rec Area. They participated in Parks on the Air (POTA). New Year activity which runs January 1-7. The operation was at Shelter #22.

The group is organized by Brantley West, K4CBW.



Two antennas



Shelter 22



Carl Lindner, KM4GBE; Callen Lindner, KQ4QWY; Brantley West, K4CBW

RARS Portable Operating Group, continued



Bill Berzinskas, WW1H operating with is son Daniel KQ4GOB behind him.



Gordon Fedoriw , KM4GBF operating an Elecraft transceiver

RARS Portable Operating Group, continued



Jeff Highsmith, WJ3FF

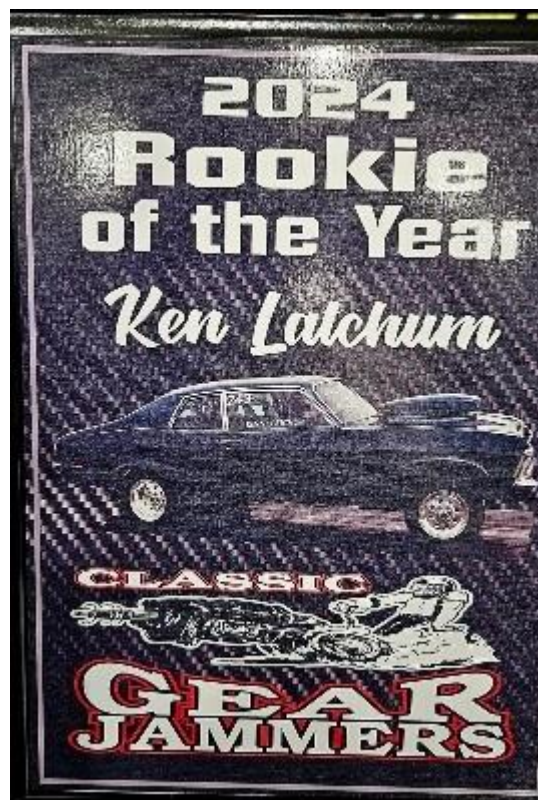
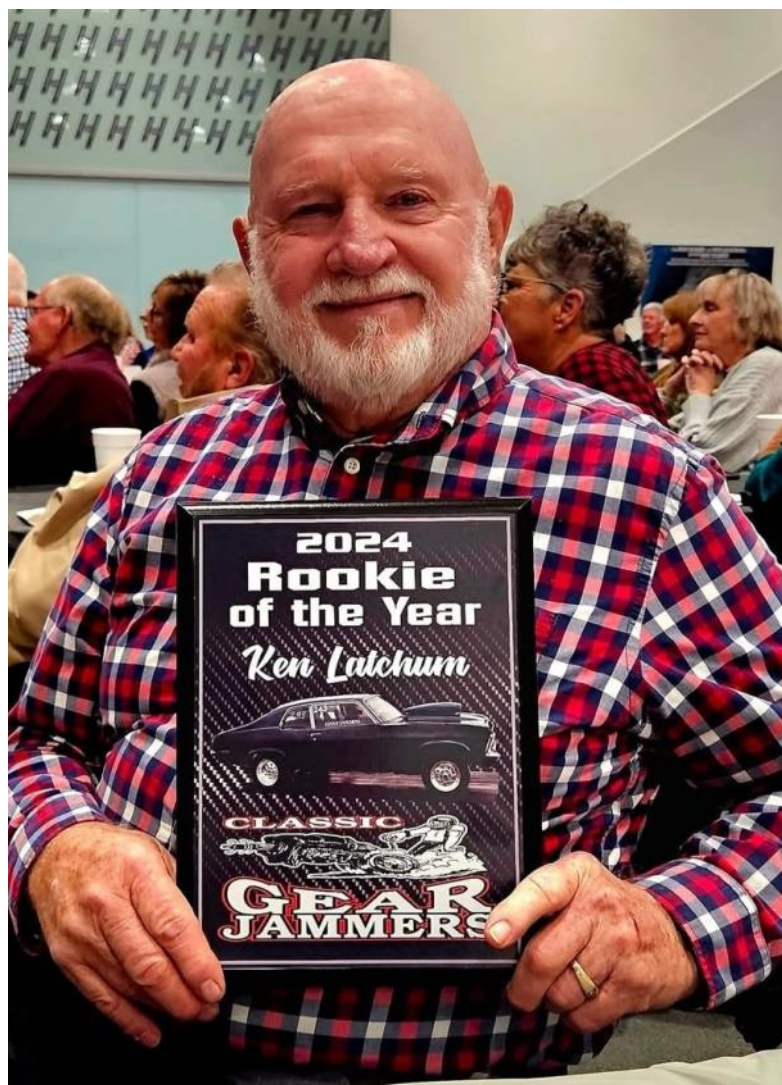
Using a Penntek TR-35 4 Band CW transceiver.



John Hollowell, K4JAH using a Yaesu FTdx10

One of our Own

Ken Latchum, AD46X, (RARS Board member) is the 2024 Rookie of the year. The Drag Racing organization is Gear Jammers. classicgearjammersracing.com. He races a 1974 Chevy Nova. It has a Big Block 396 engine bored .060. with a Racing camshaft with roller rocker arms a roller lifters. It has a 1050 Holly Dominator Carburetor on a high rise aluminum intake. It also has full length header exhaust. Engine rotating assembly has been total balanced. The engine is Blueprinted with racing clearances! It weighs 3000 pounds with Ken in it.



Congratulations

Ken's previous best time and speed for 1/8 mile was 6.84 Seconds @ 99.18 mph. The Car will be some faster this year due the upgrades we are currently doing to the engine! We are hoping for time around 6.50 @ 110 mph. Ken will be 82 in May. "Ken" says do not let your age keep you from having fun! Age is just a number!

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.
Check the RARS Classified List on the RARS website regularly for new items.

ICOM AT-500 Auto tuner. \$125

Posted January 7th, 2025 by: N4TL

Contact: n4tl2@yahoo.com

For sale

ICOM AT-500 Auto tuner. \$125

Includes tuner, power cable, manual and box. Works on all bands except 20 meters. On 20 keep it on bypass. Auto band switching with IC-701, 720 and 730. Manual band switch for other radios. All bands are connected to one output connector.

\$125

73 Tom N4TL

Wolverine film to digital moviemaker.

Posted January 6th, 2025 by: N4TL

Contact: n4tl2@yahoo.com

For sale

Do you have old 8MM film of field day?

Convert them to digital.

Wolverine film to digital moviemaker. Converts 8 mm or super 8 mm film to digital movies.

Takes a picture of each frame and saves it on a SD Memory card in MP4 format. Memory card not included. Model Wolverine F2D Moviemaker. Includes 12-volt power adapter, box, manual, and take up reel. Sold by B&H photo NYC. It takes about 1.5 hours to do a 5-inch reel. \$150.

Contact Tom N4TL2@yahoo.com

More Gear for Sale

Posted January 4th, 2025 by: W4MGT

Contact: jenx4321@gmail.com

- Yaesu FT-7B HF (80 meters thru 10 meters) Transceiver. 100 Watts input power SSB, CW. 25 Watts input power AM. Includes original manual and microphone. Works. (requires 13.5V +/-10% @ 10A power supply - not included, but see my other Gear for Sale listing). \$125

<https://www.rars.org>

RARS Classifieds continued

- Mirage 823A 2 meter 30 Watt amplifier. 2 to 5 Watts in (HT), 20W to 30W out. Works. \$20
 - 1972 Vibroplex Bug. Gray base, black paddles, brass name plate with red bug body. \$50
-

Misc Ham Radio Gear

Posted January 3rd, 2025 by: K4HF

Contact: k4hf953@yahoo.com

1. Tentec 937 13.8V 7-11A Linear Power Supply, tested - \$25
2. MFJ 564 Chrome Iambic Paddle Key - \$50
3. MFJ 1026 Rx Deluxe Noise Cancel Signal Enhancer w/manual - \$95
4. MFJ 1621 Portable Antenna System w/manual - \$30

Contact me by e mail, preferred, or (919) 630-9358 Thanks, Chuck

Gear for Sale

Posted December 29th, 2024 by: W4MGT

Contact: jenx4321@gmail.com

HTX-212 2-meter Mobile Transceiver. 45 or 10 Watts output power. Includes microphone and printed manual. Tested - works. \$60

HTX-100 10-meter SSB/CW Transceiver. 25 or 5 Watts output power. Includes original manual and a D-104 microphone. Tested - works. \$120

Astron Model SS-12 Power Supply. 12 volts, 10 Amps, continuous (12A at 33% Duty Cycle) Switcher Power Supply. Works. (Use it with either one of the transceivers above!) \$40.

Ten-Tec Equipment: Ten-Tec Omni D, Remote VFO (model 243) with restring kit, TWO 12 Volts, 18 Amps, power supplies (models 280 and 252M). Omni D works. PTO rebuilt several years ago (works great). I never used the remote VFO. Both power supplies work great and can be used with other rigs. Includes original manuals for all. \$150 for all.

RARS Classifieds continued

For Sale: KOSS KS5190 home theater system, complete

Posted December 29th, 2024 by: AG4EW

Contact: todd.nichols@ieee.org

\$10 - KOSS KS5190 home theater system. Complete, works: DVD/tuner with remote, subwoofer, midrange, five surround sound speakers, wire. See photos below.

<https://imgur.com/blbRzNg>

<https://imgur.com/rDvJVrt>

Three New Antennas

Posted December 26th, 2024 by: KQ4ICK

Contact: garrydouglassmurray@gmail.com

Broad Band GP Out-250B; 3.5-50MHz, well made, 23+feet tall, 250watt, SWR: Less than 1.5:1 A simple well constructed antenna for multiple uses. I used it for two weeks as a Short Wave Receiver Antenna and gave the receiver away.... \$150

Maco V58 Antenna; brand new not used, 25-50MHz, 1200watt, Very low SWR in most places.
\$150

Brand New, never used G5RV; 10-80M, 1500watt, \$75

Garry; 919-859-2980

Hustler 4-BTV 4 Band Vertical HF

Posted December 21st, 2024 by: K4RLC

Contact: bconder@yahoo.com

Hustler 4-BTV 4 Band Vertical HF Fixed Station 10M 15M 20M 40M

With ABR Industries SO239 to Ring Terminals Split 4-inch WP-HST - 2213A-SO-RT-3

Needed to attach coax to vertical

New in original box from Gigaparts, never used \$220 for both. Pick up only

<https://www.rars.org>

RARS Classifieds continued

Various Useful Items

Posted December 16th, 2024 by: KB4BR

Contact: ham306@bellsouth.net

- 1) Antenna, 2 meters, classic KLM 11 element, log periodic, 21 degree beam; 50 ohm balanced feed, 14.5 dbi, 12 foot boom. Partially disassembled, been in storage for 20+ years. Asking \$100
 - 2) Antenna, 2 meter Ringo configured with 20 feet of RG-213. Spray painted black. \$25
 - 3) Antenna, 6 meters, home brew, very rugged- "ice proof" , 4 elements@ 3/4 inch OD, gamma match, 12 foot beam weighing 9 lbs, 6061 aluminum; Asking \$100
 - 4) Insulator, great for HF vertical, 3 legged, 12" wide and 27" high, was leg of self supported AM broadcast tower, has 1-3/4 inch center hole with bolt and nut. Heavy. Sturdy ! \$50 (recover my moving expense)
 - 5) Marine Band, Furuno, SSB Xmitter, Model FS-1501, 150 watts, with Operating manual, and tuner. Dial LED is dim. Has not been recently tested. \$75
 - 6) Buy any of the above, and for free, you get 18,32,36, and 62 foot lengths of RG-11. Plus a wooden reel of 4 conductor, sheathed telephone cable with est length of 75 feet
- All items in Wilmington.
Hamilton Hicks
KB4BR
Hamilton

Yaesu FT-991A

Posted December 14th, 2024 by: KO7G

Contact: mikesalmi@icloud.com

In great condition. Used only indoors in a non-smoking environment. HF/6M/2M/70cm. Includes the stock MH-31 microphone and paper manual. Current firmware already installed. \$950.00.

Minutes, Board of Directors Meeting

Raleigh Amateur Radio Society

November 5, 2024

7:00 PM on Zoom

- 1) RARS President Fin Gold called the meeting to order at 7:02 pm. There were no visitors. He asked Secretary Julie Royster for a quorum call. A quorum was achieved with the following board members present: Fin Gold NC4FG, Julie Royster KT4JR, Chuck Till K4RGN, Alan Pitegoff AB4OZ, Greg Seamster KE4PAX, Tadd Torborg KA2DEW, Brantley West K4CBW, Denny Oestreich KO4IBL, Jeremy Lindsley K2HJX, John Honeycutt N8ZU, Ken Latchum AD4GX, Nancy Torborg KB2TNR, Richard Hall K7RLH, Tom Lewis N4TL, Chuck Littlewood K4HF, and Tony O'Connor K1OC. President Gold asked for a motion to approve the minutes of the October board meeting. Chuck Till so moved and the motion was seconded and passed unanimously.

2) Old Business

- a) [RARS Donations Policy](#) document vote- Chuck Till, K4RGN Chuck asked for any additional questions or comments, and there was a brief discussion. Storage space needs to be considered. Chuck moved that policy be adopted. The motion was seconded and unanimously approved.
- b) Specific donations - Fin Gold, NC4FG
Fin described antenna donations and the question of where to store them if the donor stipulates that it must be used, not sold. Items could be sold at the RARS consignment table if the donor allows. Alan Pitegoff suggested that RARS could purchase a trailer for storage as well as transport to hamfests etc.
- c) RARS Engage Update and rollout - Fin Gold, NC4FG
There are now 45 topics with information. This will be released on the website on 11/6/24 and noted in the 11/6/24 Exciter email and announced at the meeting.
Here is the link: [RARS Engage there are 45 links with content](#)
Let Tony know if you want to help refine the Ham Tracks content.

RARS Board of Directors Meeting minutes continued

3. New Business

- a) Request for State Fair Exhibit funds and Engagement funds - Fin Gold, NC4FG
After the state fair booth had been manned Travis Russell asked for funds to help pay for it. This was not in the budget. A discussion ensued about from where in the budget to take this money from. Chuck K4RGN suggested to take these funds from the education line item. Denny stated that each education course requires about \$300. Chuck Till K4RGN moved to pay \$300 toward the cost of the exhibit at the fair. The motion was seconded and approved.

4) Officers' Reports

- a) Vice-President's Report – Chuck Till K4RGN
Chuck is trying to finalize the program for the December meeting. The January meeting is planned. February and March programs will be as usual (NC QSO party and Field Day)
- b) Treasurer's Report – Greg Seamster KE4PAX
There are currently 494 paid members and 66 non-renewals and 30 new members since July 1. We received a \$300 donation.
- c) Secretary's Report – Julie Royster KT4JR
The minutes are up to date.

5) Committee Reports:

- a) Public Service Director Jeremy Lindsley, K2HJX
The season is over and we will resume in March. Greg Seamster informed Jeremy of the current value of the public service line item in the budget.
- b) Education Director Denny Oestreich, KO4IBL
The next technician class will begin in January at the Good Shepherd church. Six students intend to participate. Please help recruit more students.
- c) Field Day Chairs Curt Phillips, W4CP David Burt, W4OFO
Currently we have no Field Day chair yet for 2025.
- d) FM Repeater Chair Chuck DeCourt, W3WZN
There are no updates on the repeater status.
- e) Club License Trustees Tom Lewis, N4TL
No updates but all licenses are correct.

RARS Board of Directors Meeting minutes continued

- f) RARSfest Chair Nancy Torborg, KB2TNR
Nancy attended a fest in Stone Mountain GA. She is proud of RARSfest in comparison. The Stone Mountain fest was supposed to be a 2 day fest but by noon on the first day the flea market rolled up, and there were few indoor vendors. Julie Royster complimented Nancy on her efforts to attend other fests for ideas.
- g) Exciter Editor Tom Lewis, N4TL
The new Exciter is on the website. Each issue should go up online the Wednesday after the board meeting.
- h) Net Manager Julie Royster, KT4JR
Nets are continuing as usual.
- i) ARRL Liaison Chuck Littlewood, K4HF
The Roanoke town hall was cancelled last month but will be resumed soon. Tom Lewis asks when awards like WAS will be resumed. Chuck will inquire.
- j) NC QSO Party Chair Marty Young, W4MY
Fin Gold reported that there will be a RARS club station again at his house in late February.
- k) RARS VE Coordinators Richard Hall, K7RLH
The VE season is done except for JARSfest unless there is a gathering in December.
- l) RARS Webmaster Tony O'Connor, K1OC
All is well with the website.
- m) Youth Chairman Brantley West, K4CBW
Brantley did a radio event for cub scouts in a POTA activation. Scouts and parents all liked it and there were over 100 contacts made.
- n) At Large Director Alan Pitegoff, AB4OZ
no report
- o) At Large Director Tadd Torborg, KA2DEW
We need to cancel the December gathering since it would conflict with Christmas Eve.

RARS Board of Directors Meeting minutes continued

p) At Large Director Ken Latchum, AD4GX
nothing to add

6) Other reports, questions, or comments
There was a discussion of the cost of storage.

7) Adjournment
Chuck Till made a motion to adjourn at 7:48 pm. The motion was seconded and approved and the meeting was adjourned.

Respectfully submitted,
Julie Royster KT4JR, RARS Secretary

RARS General Membership Meeting minutes

December 10, 2024, 7:30 PM

1. President Fin Gold NC4FG called the meeting to order at 7:30 pm. He reminded Zoom participants of a few notes about using Zoom. He praised RARS for a successful year. Our club now has about 500 members, about 220 Discord users including about 40 non-members. We had a very well attended RARSfest and a great Field Day. We have held in-person meetings and in-person licensing classes. Fin's vision is that RARS is a welcoming club with members who want to help each other and help the public, providing learning opportunities and public service.
2. President Gold asked if any new members, visitors, or newly upgraded licensees were present. Steve Zabarnick N9SZ is a new member who moved here from Ohio. Visitors were: John Goldsborough N8NMG from Knightdale Jake Bleck KN4QWY from Newport Matthias Steiner DD1MS from Binzen, Germany
3. President Gold asked Secretary Julie Royster KT4JR for a Quorum Call. Counting in-person plus Zoom attendees, there was not a quorum present, so approval of past minutes was delayed.
4. Vice President's Report or announcements – Chuck Till, K4RGN No report.
5. Secretary's Report or announcements – Julie Royster, KT4JR The minutes are up to date.
6. Treasurer's Report or announcements – Greg Seamster, KE4PAX RARS currently has 498 members.

RARS General Membership Meeting minutes continued

7. Specific Announcements or Reports from Directors

- Announcements from Alan Pitegoff, AB4OZ Alan is still looking for a new location for the free AB4OZ hamfests.
 - Education announcement from Denny Oestreich, KO4IBL Technician licensing training classes will be held on January 25, February 1, and February 8 (3 consecutive Saturdays) at the Good Shepherd Lutheran Church. Details are on the RARS.org website and participants can register via the website.
 - President Gold stated that the next Board Meeting will be held at 7 PM on Tuesday, January 7, 2025 via Zoom, and visitors may get the link from Fin.
8. Board of Directors 2025 induction - Chuck Littlewood, K4HF Chuck asked the newly elected 2025 Board members present to come to the front of the room, where he inducted them.
9. Door Prize Drawing – Chuck Till K4RGN Tickets were drawn for 3 door prizes, and the winners were: Richard Kroeger N1FUA Bruce Sherman KI4PAC and Jeremy Lindsley K2HJX.
10. Program: Chuck Till K4RGN introduced tonight's speaker, Jon Suen KG6K, whose presentation was "P25: The Digital Radio of Public Safety." After the excellent presentation, audience members asked several questions. Chuck Till and President Gold thanked Jon Suen for his presentation, and his slides are available to view on RARS.org.
11. Adjournment: President Gold asked for a motion to adjourn the meeting. The motion was made by Chuck Till, seconded, and approved. The meeting was adjourned at 9:12pm.

Respectfully submitted,
Julie Royster, KT4JR, RARS Secretary